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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DIGITAL VIDEO SYSTEM

CELL N

CELL M

CELL1 CELL2 CELL3 CELL4 CELL5 SET INDICATED AREA TO TEMPORARY ERASED SAME SAME CELLS STATE (PLAYBACK CELL PROHIBITED STATE) CELL1 CELL2 CELL3 CELL4 **CELL5** CELL6 CELL7

SET ERASION LEVEL FLAG (FIG. 12) AT CELLS 3 AND 4

(57) Abstract: The erasion level appending range of a file is instructed. According to this instruction, the erasion level is set. When this setting range does not agree with the cell unit of the current cell, the current cell is divided to set a sequence of divided cells. Playback management information of each of the divided cells and current cell is re-created, and erasion level information is appended to playback management information of the divided cell that belongs to the appending range.

#### INTERNATIONAL SEARCH REPORT

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A CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11827/036 G11827/10 G11B27/32 G11B27/34 G11B27/36 G11B20/12 H04N5/92 H04N9/804 H04N5/85 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B HO4N Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages EP 0 406 021 A (SHARP KK) 1,5,9, Α 2 January 1991 (1991-01-02) 12-16 page 19, line 26 -page 21, line 42 1,5,9, US 5 751 371 A (SHINTANI PETER) Α 12 May 1998 (1998-05-12) 12-16 column 3, line 22 -column 5, line 5 column 6, line 24 -column 7, line 25 column 10, line 22 - line 33 column 12, line 65 -column 13, line 6 WO 98 22947 A (PHILIPS ELECTRONICS NV 1,5,9, A 12-16 :PHILIPS NORDEN AB (SE)) 28 May 1998 (1998-05-28) the whole document -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents : "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance. "E" earlier document but published on or after the international filling date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "V" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled "O" document reterring to an oral disclosure, use, exhibition or "P" document published prior to the international filing date but later than the priority date claimed "8." document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 11/11/1999 3 November 1999 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 N. - 2280 HV Risselix Tel. (-31-70) 340-2040, Tx. 31 651 apo nl, Fax: (-31-70) 340-3018 Daalmans, F

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